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ENTOMOLOGICAL AND PSYCHOLOGICAL

1898

**SWEET
PEAS....**

Beans

S. T. WALKER
Forest Grove, Oregon

FOREST GROVE:
THE HATCHET PRINTERY
1898

DEAR FRIENDS:—

In sending you my list I do so hoping I may receive, and by careful attention to your wants retain, a fair share of your orders.

Please read this list carefully and note the letters of Rev. W. T. Hutchins and Mr. S. A. Hamilton.

Many of you have known of Mr. Hutchins' work and how enthusiastically he has loved the sweet pea. He may well be called the "Eckford of America."

Mr. Hamilton is no less an enthusiast and is devoting much time to this flower.

Let me say right here: If you have been successful in the culture of sweet peas do not change your method of culture because of the methods pursued by some other person even if they do not agree with you.

I wish you all success.

Truly Yours,

S. T. WALKER.

Note Carefully

My terms are cash with order. Small amounts may be sent in stamps, 1-cent preferred. If you send P. O. or express money order, you may deduct the cost from amount of your order.

I can only supply seeds as offered here. *Do not order by the ounce unless ounce prices are given in list.*

From all places east of the Mississippi allow from 10 to 15 days, from the time you send, for the seeds to reach you.

All seed of my own growing is picked by hand—that is, each pod is picked when at its best.

Sweet Pea Notes

The following terms are used by sweet pea culturists:

A "Rogue"—Any variety growing in in a variety where it is not wanted.

"Rogueing"—Is removing all plants not true to a chosen type in color, size and form.

A "Stray" or an "Estray" is applied to an unrecognized variety growing in another variety, showing none of its characteristics.

A "Sport"—Is a variety in another showing some of its characteristics but differing in others.

A "Selection"—Is a variety showing a tendency to depart from its true type which is intensified by continued selection.

Most new varieties of sweet peas are originated by sports, cross fertilization and selection.

How to Grow Sweet Peas

Mr. Eckford of England gives the following directions:

"PREPARING THE GROUND.—If not already tolerably rich a liberal dressing of thoroughly decomposed stable manure should be dug in some time before the ground is wanted, leaving it rough, what gardeners call rough digging, and allowed to consolidate before sowing

"PREPARING FOR SOWING.—All that is necessary is to break the ground thoroughly with the Dutch hoe, not too fine, draw a drill about three inches deep, sow the seed thinly and cover with two

inches of soil, leaving the drill hollow, gently tread in if the ground be dry, and when the young plants begin to appear, go along the row with one foot on each side, treading and making thoroughly firm for a distance of eighteen inches on each side of the row. Sow early in February, for succession again in March, April and May.

"STAKING, MULCHING, ETC.—As soon as the plants are well above ground they should at once be staked. This is a most important operation. Nice twiggy new sticks (if possible) should be secured. I prefer the sticks undressed. The delight and beauty of the Sweet Pea is to ramble and hang from the points of the twigs and therefore should be allowed to ramble at will.

For fall sowing I would avoid tramping the ground and have the rows a little above the level with a trench between, thus: ————

The Sweet Pea can be transplanted easily if planted in deep boxes or pots and care taken not to break the long tap root.

To those interested in the Gladiolus, Strawberry Narcissus and Tulip I recommend M. Crawford of Cuyahoga Falls, Ohio.

INDIAN ORCHARD, MASS., NOV. 8, 1897.

To all my Sweet Pea Friends I wish to send the following word: After devoting all the time that I could spare for ten years or more to the work of popularizing the sweet pea in its improved form, one of the incidents of which has been the annual handling of quite a little stock of seed, I must now be relieved of this extra labor. I take pleasure in saying that Mr. S. T. Walker of Forest Grove, Oregon, has for six years been co-operating with me in the painstaking labor of growing a special stock of the finest sorts for me, and I should be pleased to have all my patrons send their orders direct to him. He will continue to put his labor on a small stock of each of the newest and best varieties. I value highly his judgment and skill in growing this special stock, and commend him as one who can be implicitly trusted, and will serve his customers with the kindest attention.

W. T. HUTCHINS.

ROARING SPRING, PA., NOV. 17, 1897.

MR. S. T. WALKER, Esq.,

DEAR SIR:—I have already sent you the results of my technical tests of your sweet pea novelties sent me for the season of 1897, but I

want to add a few words about some features that were not covered by my formal report.

I was greatly astonished at the branching habit of your sweet peas. Some of the plants developed as many as twelve branches from the root, which branching from the axils made fine, large, bushy plants, covered with bloom from beginning to end of the season. I have never seen such branching sweet peas of the tall-growing kind before.

I kept accurate notes of the percentage of germination of your novelties. They averaged over 95 per cent., which I consider remarkably high, and is rarely ever equalled.

Every variety you sent me, both novelties and standard sorts, came absolutely true to seed; not a single "rogue" was found among any of them. This shows the careful character of your selecting, as well as a thorough knowledge of the correct markings of the various varieties.

Some of the new shades and colors found for the first time in your novelties will create the greatest enthusiasm among lovers of sweet peas, once they are known.

You deserve the thanks and encouragement of all lovers of the sweet pea for the careful, thorough work you are doing with this flower.

Respectfully,

SAM A. HAMILTON,
Sweet Pea Expert.

CLASS I

CONSISTS OF MY OWN VARIETIES NOW OFFERED FOR THE FIRST TIME.

1 BERTIE HAMILTON—A selection from my Flambeau named by Mr. S. A. Hamilton of Roaring Spring, Pa., who says of it in The Florists Exchange of July 24, 1897, page 678: Dark Flambeau—"Is a sweet pea with a future. It has attracted unlimited attention in my garden this season. - - - Form, finest hooded; size, large; color, white, waved dark ox blood, faint on front and darker on reverse of standard and wings—the so-called "waved" effects; substance, fine; stem, long and slender." Price, 20 seeds, 20 cents.

2 MRS. S. T. WALKER—(A sport from Countess of Aberdeen.) This was named also by Mr. Hamilton who says, "This is the finest of Walker's novelties, being a most unique shade of invisible pink,

showing deeper in shade. - - - - It does not fade white as the flowerets age, as do most pale pinks. It tests: Form, hooded; size, large; color, as above; substance, fine; stem, long and slender. It is most chaste in large bunches." [Florists Exchange, p. 679.] In a letter bearing date of Nov. 17 he says, "Accept my thanks for permission to name the two finest of your novelties. You will never put out a more beautiful one than 'Mrs. S. T. Walker.'" Price, per packet 20 seeds, 20 cents

3 OREGONIA—Selection from Flambeau. Dark blood red with faint white stripings, much darker and of better form than America. Not for sale this year.

4 MINNEHAHA—Selection from Flambeau, named and for sale only by Peter Henderson & Co. Very much like Bertie Hamilton but the markings are pale pink instead of blood red. I have no seed of this to sell.

[NOTE. The varieties selected from Flambeau being a cross producing a striped variety are hard to fix and may vary from their true markings, but I think will hold as true as Senator or any of the older varieties.]

5 DAWN—A selection from Princess of Wales: Bears the same relation to it that Gray Friar does to Senator. Similar to Gray Friar but much lighter and more evenly spread, having a distinct sanded appearance. Per packet 20 seeds, 20 cents.

CLASS II

OLDER VARIETIES OF MY OWN.

6 NITA—(Pale mauve stripe.) Selection from Dorothy Tennant; similar to Juanita but a shade darker. Price, per pkt, 5 c.; oz. 15 c.

7 STRIPED TENNANT—(dark mauve stripe.) Selection from Dorothy Tennant; a striped Dorothy Tennant. Per pkt 5 c.; oz. 15 c.

8 LIGHT GAIETY—Sport from Gaiety; form, large expanded, standard white flamed violet pink, wings white sometimes striped violet pink. Packet, 5 c.; oz., 15 c.

9 CORONET—Sport from No. 8, with same markings except that the stripe is an orange pink. Mr. Hutchins describes it as follows, "It comes the nearest to a true orange stripe. It was much admired in my 1896 exhibits." It is a fine bloomer, early and continuous. Mr. Hamilton complains of its stem being too short. Per packet, 10 c.; oz., 20 c.

FLAMBEAU MIXTURE—In my plantings of Firefly made in 1893 one plant showed slight white stripings. The seed of this plant was carefully saved and planted the next year and gave a great variety of shades and forms, self colors and stripes ranging from light pink to the red of Firefly. Selections have been made of the best and most distinct, but have proved quite erratic, so but two varieties are true enough to introduce. The rest of my stock has gone into this mixture. All who saw my plot of this in bloom pronounced it the brightest spot in my plantings of over eighty varieties. Price per packet 10 c.; oz. 25 c.

PEDIGREE MIXTURE—This mixture is a cross made in 1894 of Emily Eckford on Mrs. Joseph Chamberlain. Two seeds were the result, both showing the color of Emily Eckford and the stripings of Mrs. Chamberlain. Only seed from the one showing the best form was saved. This seed gave a large number of varieties running from light mauve to almost rose, in selfs and stripings. Mr. Hamilton says of it in *Florists Exchange*, p. 678, "Shows eight fine sweet peas of hooded and expanded forms, covering a large range of shades. . . . Being the progeny of one plant it shows a most remarkable 'break' in hybridizing." In a private letter he says, "'No. 109' was a revelation to me. I only reported on eight of the shades, but there were fifteen, but the other seven were 'acromatic' and will never do for introduction as they are positively ugly." Mr. Hamilton planted 38 seeds, all of which grew. If you want to see a "positively ugly" sweet pea, order some of this. Sold only in sealed packets of fifty seeds, price 20 cents.

CLASS III

OTHER AMERICAN VARIETIES.

10 **AURORA**—One of the finest varieties and the finest striped variety. A large flower of rich salmon pink stripe on a white ground. My stock of this is all grown from an estray found in a planting of Mrs. Joseph Chamberlain from Eckford's sealed package. Packet, 10 cts.; oz., 20 cts.

11 **BRILLIANT**—Very much like Mars but with me the present year not so continuous a bloomer. Some claim it stands the sun better than Mars. Sold only in packets at 10 cts.

12 **BURPEE'S NEW COUNTESS**—A selection to restore the original beauty of Countess of Randor. This has been accomplished in

a good degree. Own stock packets 10 c.; California stock 15 c. oz.

13 CREOLE—An expanded blossom, with light pinkish lavender standards and lavender wings. Own stock packet 10 c.; California 15 c. per oz.

14 GOLDEN GATE—Pink, lavender and mauve-blended wings of a peculiar shape. Own stock packet 10 c.; California oz. 15 c.

15 MAID OF HONOR—A well selected strain of Butterfly in which the notch in the standard has been largely bred out. Own stock in packets only 10 c.; California oz. 15 c.

16 RED RIDING HOOD—Noted principally for its peculiar form. The standard does not expand but hoods over the wings. In packets only, 10 c.

17 CUPID—A dwarf white sweet pea. Fine for bedding. A continuous bloomer. Much complaint has been made of its poor germination. I have found it transplants easily and advise those who want well grown beds to plant in boxes about six inches deep one month before time for planting out. Cover the seed very lightly. Packet 10 c.; oz. 30 c.

18 RAMONA—Creamy white; splashed and flaked with soft rose; an improvement on Duchess of York. Own stock in packets only, 5 c.; California stock 10 c.

19 GRAY FRIAR—A large blossom of watered grayish effect. In packets only, 5 c. per packet.

20 JUANITA—White ground striped and flaked with light blue. Own stock in packets only, 5 c.; California, oz. 10 c.

21 ODDITY—Named for its odd shape, pale carmine with rose edge. California oz. 10 c. Packet 5 c.

22 DAYBREAK—A very delicately marked sweet pea originated by Mr. Hutchins. White ground, water effect of crimson scarlet. Packet 5 c.

23 COLUMBIA—Another of Mr. Hutchins' varieties. Red and white striped standards, blue and white striped wings. My stock of this is exhausted.

24 AMERICA—Deep blood red stripes on white ground. Pkt 5 c.

25 THE BRIDE—This is the fine, large, white seeded white that Mr. Lynch has been at work on for three or four years. It is a pure

white selection from Mrs. Eckford and has been well acclimated. It is a strong germinator. No seed to sell.

26 CALIFORNIA—A very soft pink of distinct and splendid form. I have no seed of it for sale.

27 EMILY LYNCH—A great advance on Eckford's Duke of York, being the grandiflora form of the latter, of rich, warm effect. I have no seed for sale.

BURPEE'S NEW AMERICAN SEEDLINGS—"In the work of making new varieties, special seed accumulates. Usually this experimental seed is too valuable to let go. It contains the new hybrids. This Burpee packet is made up of such stock from the California grower." My stock of this is grown from the original packets as above. A fine collection but with me gave nothing decidedly distinct in color from existing varieties. Packet 10 c.; oz. 20 c.

CLASS IV

ECKFORD'S NOVELTIES.

I am sorry that I am unable to offer more of Mr. Eckford's Novelties for 1897. They seem to have suffered the most from unusual weather conditions.

28 COUNTESS OF POWIS—An improvement on Meteor in form and color. A rich orange salmon. Per packet 25 c.

29 LADY NINA BALFOUR—From over 100 seeds of this I raised but seven plants and some of these did not give a single bloom. Described as "a delicate lavender shading into dove gray." No seed for sale.

30 PRINCE EDWARD OF YORK—Expanded blossom of rich scarlet and cerise. Not up to standard. Per packet, 20 c.

31 QUEEN VICTORIA—Of fine form, the best of the set. Light lemon sometimes lightly overlaid with purple. I have no seed to sell.

32 SALOPIAN—Would be one of the finest sweet peas grown if it did not turn to a blackish red with age. Of largest size and a dark cherry red. Per packet 25 c.

33 SHAHZADA—This comes in two colors, one inclining to indigo and the other to maroon, the greater part being of the latter. I should call it an improved Stanley. No seed for sale.

34 TRIUMPH—Of fine large size, expanded form, but not up in

color as it has nothing new. It is similar to Blanche Ferry but not so bright. Packet 20 c.

35 COQUETTE—Primrose cream ground, just shaded fawn, and purplish rose tint. A magnificent flower. Packet 15 c.

36 COUNTESS OF SHREWSBURY—Soft purplish pink standard, wings almost white. A delicate blossom; cut small. Pkt 15 c.

37 LOVELY—First class certificate. A soft shell pink, of beautiful form and large size. Packet 15 c.

38 MARS—Award of Merit, Royal Horticultural society. A fiery crimson scarlet, deepening with age. A lusty and noble blossom. Packet 15 c.

39 PRIMA DONNA—A very large, soft, rose pink, greatly in advance of all others of this color. Packet 15 c.

40 ROYAL ROSE—This may be called a greatly improved Apple Blossom. Some deeper than the latter. A royal flower indeed. Packet 15 c.

41 ALICE ECKFORD—A refined blossom, cream-white ground, apricot tinted, small flower. Packet 10 c.

42 CAPTIVATION—Large shell shaped. Light purple magenta. Packet 10 c.

43 COUNTESS OF ABERDEEN—Large, almost white, margined with pale pink. My stock is true to description. Packet 15 c.

44 CROWN JEWEL—Primrose cream ground, tinted and veined violet rose. The best one of the six. Large and fine. Packet 15 c.

45 LITTLE DORRIT—The greatest advance in the popular pink and white. A bold flower, showing Mr. Eckford's latest work on this old favorite contrast of pink and white. Pkt 10 c.; oz. 20 c.

46 MIKADO—A very large flower. Comes mostly a deep rose pink with a suggestion of orange-cerise, and should have delicate striping to be true. No seed for sale.

We come now to the list of Eckford's Novelties for 1895, 1894, 1893 and 1892.

First, the 1895 set.

47 BLANCHE BURPEE—This is Eckford's grandest pure white, and is a giant flower. It improves each year. The best white so far. Mr. Hamilton says in Florists Exchange of July 24, 1897, page

678, "This is the finest strain of *Blanche Burpee* that I have ever seen, being well selected and thoroughly bred. The florets averaged an inch and three-quarters across the standard, many measuring scant two inches. They truly are mammoth and show the possibility of this variety in the hands of a skillful floriculturist. We will yet see standards of this variety two and a half inches across—if Walker keeps at it." Per packet 10 c.; oz. 20 c.

48 *DUKE OF YORK*—A reddish pink with wings, inclining to primrose yellow, a great bloomer.

49 *DUCHESS OF YORK*—White, striped and barred with delicate pinkish purple.

50 *ELIZA ECKFORD*—White and rose shaded and flaked. Large and fine.

51 *METEOR*—Very rich orange salmon.

52 *MRS. JOSEPH CHAMBERLAIN*—A very large bright rose stripe on white ground. A giant flower.

53 *NOVELTY*—Deep rose pink with infusion of orange.

54 *LADY BEACONSFIELD*—Salmon pink and pale primrose yellow.

55 *LADY PENZANCE*—Very beautiful light orange rose. Grand.

56 *OVID*—A deeper rose pink.

57 *PEACH BLOSSOM*—Creamy ground and flesh pink shading deeper.

58 *ROYAL ROBE*—Beautiful large pale carmine blush.

59 *STANLEY*—The best very dark maroon self.

60 *BLUSHING BEAUTY*—Large, hooded form, delicate pink, very fine.

61 *EMILY ECKFORD*—Large rosy mauve changing to light blue.

62 *FIREFLY*—The best scarlet to date.

63 *GAIETY*—White ground with bright rosy pink stripes, large size.

64 *DUKE OF CLARENCE*—Rosy claret of deep rich hue and large size.

65 *VENUS*—The finest salmon buff to date, very fine. Grand.

66 *DOROTHY TENNANT*—Large rosy mauve.

67 *HER MAJESTY*—A grand, bright rosy pink.

68 *IGNEA*—Intense scarlet crimson.

69 *LEMON QUEEN*—Almost a white, with lemon tint.

70 *MRS. ECKFORD*—A grand primrose of finest form and size.

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- 71 WAVERLY—Rosy claret, and blue wings. .
 72 APPLE BLOSSOM—Large shaded pinkish rose and white.
 73 BLANCHE FERRY—Very popular pink and white.
 74 EXTRA EARLY BLANCHE FERRY—Decidedly early.
 75 COUNTESS OF RANDOR—Beautiful pale mauve or lavender.
 76 EMILY HENDERSON—Good white, growing in merit.
 77 KATHERINE TRACY—A very soft crimson blush, boldly expanded. Received with favor.
 78 LOTTIE ECKFORD—Large, lavender and white. Fine.
 79 MRS. SANKEY—A grand white. One of the very best.
 80 PRINCESS MAY—A new lavender.
 Price, Nos. 48 to 80: packet 5 and 10 cents; ounce 15 cents.
 81 ADONIS—Rosy pink.
 82 CARMEN SYLVA—Grayish white shaded violet.
 83 CROWN PRINCESS OF PRUSSIA—Flesh colored and salmon buff.
 84 DELIGHT—White, softly suffused carmine.
 85 DUCHESS OF EDINBURGH—Light scarlet and crimson.
 86 FAIRY QUEEN—White, fine carmine veins.
 87 EMPRESS OF INDIA—Pink and white.
 88 IMPERIAL BLUE—Blue and mauve.
 89 INDIGO KING—Dark maroon and dark blue.
 90 INVINCIBLE CARMINE—Crimson scarlet.
 91 ISA ECKFORD—Creamy white, shaded pink.
 92 MADAM CARNOT—Blue and mauve.
 93 PRINCESS VICTORIA—Bright scarlet, wings rosy mauve.
 94 PURPLE PRINCE—Dark purple. .
 95 QUEEN OF THE ISLES—Scarlet striped.
 96 SPLENDID LILAC—Carmine shaded and blue edge on white.
 97 SCARLET INVINCIBLE—Old scarlet.
 98 THE QUEEN—Pink and mauve.
 99 VESUVIUS—Violet shaded and spotted.
 100 VIOLET QUEEN (Princess Louise)—Pink and violet.
 101 BUTTERFLY—White, edged and shaded with blue.
 102 CAPTAIN OF THE BLUES—Large, blue and mauve.
 103 CAPTAIN CLARKE—White, flushed and penciled with carmine, wings edged with blue.
 104 CARDINAL—Scarlet crimson.
 105 BOREATTON—Rich, deep maroon.
 Nos. 81 to 105 I can only furnish in stock grown in 1895; 10 cts. per ounce.

MIXTURES

No. I. Will contain only the best named varieties in equal quantities, each put in the packet separately, varieties to be chosen by myself. Price, 20 c. per ounce, 3 ounces 40 c.

No. II. Same as above, your choice of varieties, but must not contain more than 35 varieties to each ounce, nor any varieties offered in packets only. Ounce 25 c., 3 ounces 50 c.

No. III. Made up of best varieties but mixed in bulk. Ounce 15 c., 3 ounces 30 c.

No. IV. Good mixture. Ounce 10 c., 3 ounces 20 c.

No. V. Cheap mixture. Ounce 5 c., 3 ounces 12 c.



